

**NEW CLAIMS**

1. Powdered disinfectant based on active oxygen and containing a peracetic acid-generating system formed of a peroxide and an acylating agent together with nonionic surfactants, wherein said nonionic surfactants are free from alkoxylated  
5 alkyl phenols and comprise linear or 2-methyl-branched ether alcohols corresponding to the formula



10 wherein the alkyl and alkenyl residues R are made up as follows:

- C<sub>8</sub> = 0 to 5 % by weight;  
C<sub>9-10</sub> = 75 to 90 % by weight;  
C<sub>11-12</sub> = 5 to 15 % by weight;  
C<sub>13-14</sub> = 4 to 10 % by weight;  
15 C<sub>15-16</sub> = 0 to 3 % by weight.

2. Disinfectant according to claim 1, characterized in that the above-mentioned peroxide is selected from the group of sodium perborate monohydrate, sodium perborate tetrahydrate, sodium percarbonate and mixtures thereof.

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3. Disinfectant according to one or more of claims 1 or 2, characterized in that the above-mentioned acylating agent is selected from the group of tetraacetyl glycoluril, tetraacetyl ethylenediamine, diacetyl hexahydrotriazine dione and mixtures thereof.

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4. Disinfectant according to one or more of claims 1 to 3, characterized in that it contains

10 to 70 % by weight, preferably 15 to 60 % by weight of the above-mentioned peroxide,

- 10 to 40 % by weight, preferably 15 to 30 % by weight of the above-mentioned acylating agent,
- 0.1 to 10 % by weight, preferably 0.5 to 5 % by weight, of the above-mentioned nonionic surfactant and
- 5 to 100 % by weight of soluble inorganic salt and optionally further auxiliaries.
5. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting surfaces.
- 10 6. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting instruments.
7. Use of the disinfectants according to any one of claims 1 to 4 for killing gram-positive bacteria.
- 15 8. Use of the disinfectants according to any one of claims 1 to 4 for killing mycobacteria.
9. Use of the disinfectants according to any one of claims 1 to 4 for killing
- 20 viruses.